

PATENT  
Attorney Docket No. 15087US02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of:	)	Filed Electronically on:
	)	<b>August 15, 2007</b>
Xuguang Yang	)	
	)	
Serial No. 10/635,991	)	
	)	
Filed: August 7, 2003	)	
	)	
For: ELECTRONIC DEVICE WITH AN	)	
UPDATE AGENT THAT EMPLOYS	)	
PREPROCESSING TECHNIQUES FOR	)	
UPDATE	)	
	)	
Examiner: Isaac Tuku Tecklu	)	
	)	
Group Art Unit: 2192	)	

Confirmation No.: 1584

**TRANSMITTAL OF RESUBMISSION OF  
INFORMATION DISCLOSURE STATEMENT  
ORIGINALLY FILED JANUARY 21, 2004**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**ENCLOSURES**

Enclosed are the following:

- \* A copy of Information Disclosure Statement documents filed January 21, 2004.
- \* A copy of the return-receipt postcard stamped by the PTO on January 23, 2004.
- \* A copy of each foreign reference listed theron are enclosed herewith.

## **FEE DETERMINATION**

- \* No fee is believed to be due because this Information Disclosure Statement as originally filed was timely submitted before the first Office Action on the merits had been mailed by the PTO. The basis of this belief is that the first Office Action on the Merits was not mailed until September 21, 2006.

## **FEE PAYMENT**

The following arrangements have been made to pay the fees calculated above:

- \* No fee is believed to be due.

The Commissioner is hereby authorized to charge any additional fees which are presently required, or credit any overpayment, to Deposit Account No. 13-0017.

## **REQUEST FOR CONSIDERATION**

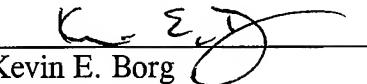
This paper and enclosures are believed to be entitled to consideration under 37 C.F.R. § 1.97, based on the facts stated above.

This submission is in no way intended as an admission that the cited references constitute prior art under any subsection of 35 U.S.C. § 102 or §103. Applicant expressly retains the right to argue that any of the cited references are not indeed prior art or to take any actions necessary to remove any of the cited references from the available prior art.

The Examiner is requested to initial and return a copy of the enclosed PTO Form SB/08 to the applicants to indicate consideration of the enclosed references.

Respectfully submitted,

Dated: August 15, 2007

  
\_\_\_\_\_  
Kevin E. Borg  
Reg. No. 51,486

McAndrews, Held & Malloy, Ltd.  
34th Floor  
500 West Madison Street  
Chicago, IL 60661  
(312) 775-8000

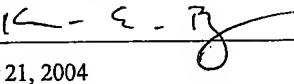
Under the Paperwork Reduction act of 1995, no persona are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)		Application Number 10/635,991
		Filing Date August 7, 2003
		First Named Inventor Xuguang Yang
		Group Art Unit 2122
		Examiner Name unassigned
Total Number of Pages in This Submission 6		Attorney Docket Number 15087US02

**ENCLOSURES (check all that apply)**

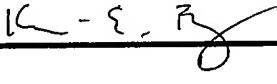
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s) (      sheets)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):  Return-receipt post card
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input checked="" type="checkbox"/> PTO 1449/08A with 4 references	<input type="checkbox"/> CD Number of CD(s) _____	
<input type="checkbox"/> Certified Copy of Priority Document(s)		
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		
	Remarks	

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual Name	McAndrews Held & Malloy, Ltd.		
Signature			
Date	January 21, 2004		

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on January 21, 2004.

Name (Print/type)	Kevin E. Borg	Registration No. (Attorney/Agent)	51,486
Signature			Date
			January 21, 2004

PATENT  
Attorney Docket No. 15087US02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of: ) **CERTIFICATE OF MAILING**  
Xuguang Yang ) I hereby certify that this correspondence  
Serial No.: 10/635,991 ) is being deposited with the United States  
Filed: August 7, 2003 ) Postal Service as first-class mail, postage  
For: ELECTRONIC DEVICE WITH ) prepaid, in an envelope addressed to:  
AN UPDATE AGENT THAT ) Commissioner for Patents, P.O. Box  
EMPLOYS PREPROCESSING ) 1450, Alexandria, VA 22313-1450 on  
TECHNIQUES FOR UPDATE ) January 21, 2004.  
Examiner: unknown )  
Group Art Unit: 2122 )  
\_\_\_\_\_  
K. E. Borg  
Reg. No. 51,486

**TRANSMITTAL OF  
INFORMATION DISCLOSURE STATEMENT  
AFTER APPLICATION FILING DATE**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**ENCLOSURES**

Enclosed are the following:

- \* A two-page, completed PTO form 1449.
- \* The enclosed PTO form 1449 lists 47 references not previously provided to or by the PTO in this application. Copies of the four foreign references listed thereon are enclosed herewith.

## **FEE DETERMINATION**

- \* No fee is believed to be due because:
  - \* This statement and enclosures are being filed three months or less after the application was filed.
  - \* The applicant(s) believe(s) that this statement and enclosures are being filed before the first Office action on the merits has been mailed by the PTO. The basis of this belief is that no Office action on the merits appears to have been received by the undersigned to date.

## **FEE PAYMENT**

The following arrangements have been made to pay the fees calculated above:

- \* No fee is believed to be due.

The Commissioner is hereby authorized to charge any additional fees which are presently required, or credit any overpayment, to Deposit Account No. 13-0017.

## **REMARKS**

The Applicants neither agree nor disagree with the following notations that accompanied the references listed below in a prior art search performed by Augustine Associates, Ltd., 2981 Fox Tail Court, Woodbridge, VA 22192, dated April 22, 2003:

2003/0061384	“para (0015)”
2003/0037075	“para (0166)”
2003/0033599	“wireless software download, see (0039)”
2002/0157090	“update software, Claim 17”
2002/0152005	“wireless link upgrade”
2002/0131404	“can be used with games (0004)”
2002/0116261	“update software (0058)”
2001/0029178	“Claim 1, upgrade”
6,438,585	“mobile link”
6,279,153	“ROM update on wireless link abstract (170 page patent – front page and claims only provided here)”
6,198,946	“wireless upgrade”
6,163,274	“real-time update”
6,126,327	“flash update”

5,790,974 (265 page patent – front page and claims only provided here)"  
5,261,055 "perceptual" software agent that updates stored entries"  
5,598,534 "wireless upgrade"  
5,666,293 "PDA link system"  
5,666,293 "loaded into non-volatile[sic] memory. Claims 2 and 3, game system"

## REQUEST FOR CONSIDERATION

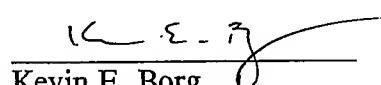
This paper and enclosures are believed to be entitled to consideration under 37 C.F.R. § 1.97, based on the facts stated above.

This submission is in no way intended as an admission that the cited references constitute prior art under any subsection of 35 U.S.C. § 102. Applicants expressly retain the right to argue that any of the cited references are not indeed prior art or to take any actions necessary to remove any of the cited references from the available prior art.

The Examiner is requested to initial a copy of the enclosed PTO-1449 and return to the applicants to indicate consideration of the enclosed references.

Dated: January 21, 2004

Respectfully submitted,

  
Kevin E. Borg  
Reg. No. 51,486  
Agent for applicants

McAndrews, Held & Malloy, Ltd.  
34th Floor  
500 West Madison Street  
Chicago, IL 60661  
(312) 775-8000

FORM PTO-1449		SERIAL NO. 10/635,991	CASE NO. 15087US02
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		FILING DATE August 7, 2003	GROUP ART UNIT 2122
(use several sheets if necessary)		APPLICANT(S): Xuguang Yang	

**REFERENCE DESIGNATION**      **U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
	5,261,055	11/09/1993	Moran et al.	395/275	02/19/1992
	5,442,771	08/15/1995	Filepp et al.	395/650	11/26/1993
	5,479,637	12/26/1995	Lisimaque et al.	395/430	08/28/1991
	5,579,522	11/26/1996	Christeson et al.	395/652	07/24/1995
	5,596,738	01/21/1997	Pope	395/430	04/12/1995
	5,598,534	01/28/1997	Haas	395/200.09	09/21/1994
	5,608,910	03/04/1997	Shimakura	395/670	05/09/1994
	5,623,604	04/22/1997	Russell et al.	395/200.1	11/18/1992
	5,666,293	09/09/1997	Metz et al.	395/200.5	07/03/1995
	5,752,039	05/12/1998	Tanimura	395/712	11/21/1994
	5,778,440	07/07/1998	Yiu et al.	711/154	02/16/1996
	5,790,974	08/04/1998	Tognazzini	701/204	04/29/1996
	5,878,256	03/02/1999	Bealkowski et al.	395/652	10/16/1991
	5,960,445	09/28/1999	Tamori et al.	707/203	04/17/1997
	6,009,497	12/28/1999	Wells et al.	711/103	11/09/1998
	6,038,636	03/14/2000	Brown, III et al.	711/103	04/27/1998
	6,064,814	05/16/2000	Capriles et al.	395/701	11/13/1997
	6,073,206	06/06/2000	Piwonka et al.	711/102	04/30/1998
	6,073,214	06/06/2000	Fawcett	711/133	09/09/1998
	6,088,759	07/11/2000	Hasbun et al.	711/103	06/30/1997
	6,105,063	08/15/2000	Hayes, Jr.	709/223	05/05/1998
	6,112,024	08/29/2000	Almond et al.	395/703	10/02/1996
	6,112,197	08/29/2000	Chatterjee et al.	707/3	05/29/1998
	6,126,327	10/03/2000	Bi et al.	395/200.51	10/16/1995
	6,128,695	10/03/2000	Estakhri et al.	711/103	09/18/1998
	6,157,559	12/05/2000	Yoo	365/52	06/12/1998
	6,163,274	12/19/2000	Lindgren	340/825.44	09/04/1997
	6,198,946	03/06/2001	Shin et al.	455/561	11/20/1998
	6,279,153	08/21/2001	Bi et al.	717/11	01/15/1997
	6,311,322	10/30/2001	Ikeda et al.	717/1	03/05/1999
	6,438,585	08/20/2002	Mousseau et al.	709/206	01/16/2001
	2001/0029178	10/11/2001	Criss et al.	455/419	06/07/2001
	2001/0047363	11/29/2001	Peng	707/104.1	02/01/2001
	2001/0048728	12/06/2001	Peng	375/354	02/01/2001
	2002/0078209	06/20/2002	Peng	709/227	12/15/2000

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609;  
 Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449	SERIAL NO. 10/635,991	CASE NO. 15087US02
<b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b>	FILING DATE August 7, 2003	GROUP ART UNIT 2122
(use several sheets if necessary)	APPLICANT(S): Xuguang Yang	

**REFERENCE DESIGNATION****U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
	2002/0116261	08/22/2002	Moskowitz et al.	705/14	02/20/2001
	2002/0131404	09/19/2002	Mehta et al.	370/352	11/28/2001
	2002/0152005	10/17/2002	Bagnordi	700/234	04/12/2001
	2002/0156863	10/24/2002	Peng	709/217	04/23/2001
	2002/0157090	10/24/2002	Anton, Jr.	717/178	04/20/2001
	2003/0033599	02/13/2003	Rajaram et al.	717/173	08/10/2001
	2003/0037075	02/20/2003	Hannigan et al.	707/500	05/02/2002
	2003/0061384	08/27/2003	Nakatani	709/245	09/25/2001

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES	NO
	8202626	08/09/1996	Japan		X	
	2,339,923	03/02/2000	Canada			
	2002-0034228	05/09/2000	Korea		X	
	2001-0100328	11/14/2001	Korea		X	

EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)	

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609;  
 Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

## ASSISTANT

## COMMISSIONER FOR PATENTS

Sir: Please place the USPTO receipt stamp hereon and place in outgoing mail to acknowledge receipt of:  
Docket No: 150874502 - 1917  
Applicant: XUGUANG YANG  
Serial No.: 101035,991  
Filed: 8-7-03

Transmittal Form

Fee \$ \_\_\_\_\_

Patent Application including:

- Page(s) Cover Sheet
- Page(s) Specification
- Page(s) Claims # \_\_\_\_\_
- Page(s) Abstract
- Page(s) Drawings Formal Informal

Response to Notice of Missing Parts \_\_\_\_\_  
 Declaration & POA Signed Unsigned

Amendment \_\_\_\_\_ Page(s)  
 Assignment \_\_\_\_\_ Page(s) Cover Sheet \_\_\_\_\_ Page(s)

IDS with PTO-1449 5 Page(s)  
 4 Cited References

Other \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Certificate of Mailing as dated below

Certificate of Express Mailing as dated below  
Express Mail Label No. \_\_\_\_\_

Dated: 1/21/04

Respectfully: McANDREWS, HELD & MALLOY, LTD.

KEB/RB Attorneys for Applicant

## ASSISTANT COMMISSIONER FOR PATENTS

Sir: Please place the USPTO receipt stamp hereon and place in outgoing mail to acknowledge receipt of:

Docket No: 150874502 - 1917

Applicant: XUGUANG YANG

Serial No.: 101035,991

Filed: 8-7-03

Transmittal Form

Fee \$ \_\_\_\_\_

Patent Application including:

- Page(s) Cover Sheet
- Page(s) Specification
- Page(s) Claims # \_\_\_\_\_
- Page(s) Abstract
- Page(s) Drawings Formal Informal

Response to Notice of Missing Parts \_\_\_\_\_

Declaration & POA Signed Unsigned

Amendment \_\_\_\_\_ Page(s)

Assignment \_\_\_\_\_ Page(s) Cover Sheet \_\_\_\_\_ Page(s)

IDS with PTO-1449 5 Page(s)

4 Cited References

Other \_\_\_\_\_

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Certificate of Mailing as dated below

Certificate of Express Mailing as dated below

Express Mail Label No. \_\_\_\_\_

Dated: 1/21/04

Respectfully: McANDREWS, HELD & MALLOY, LTD.

KEB/RB Attorneys for Applicant

